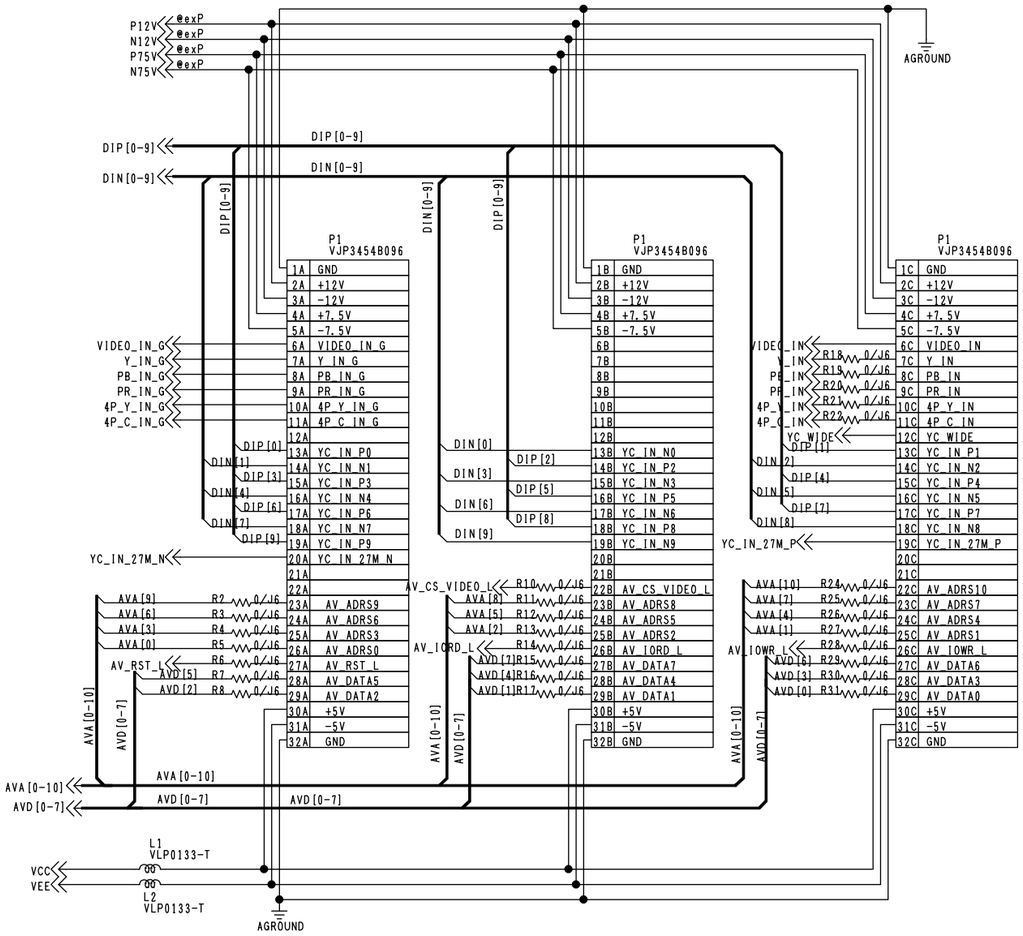
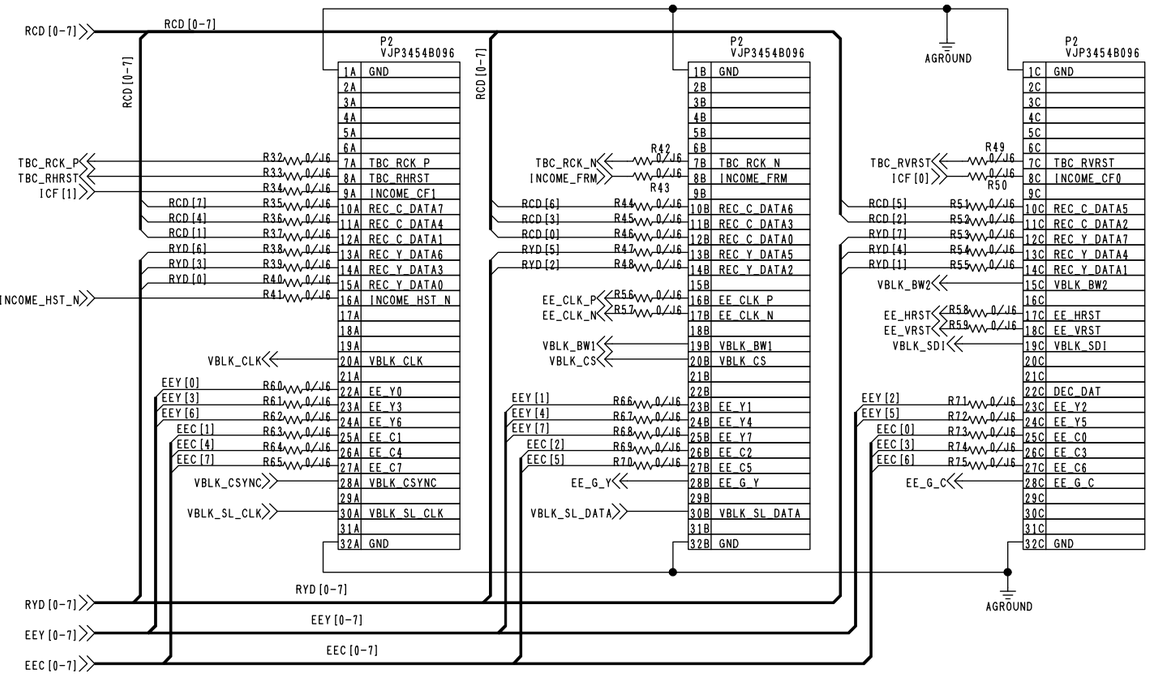
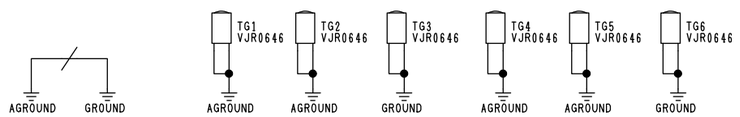
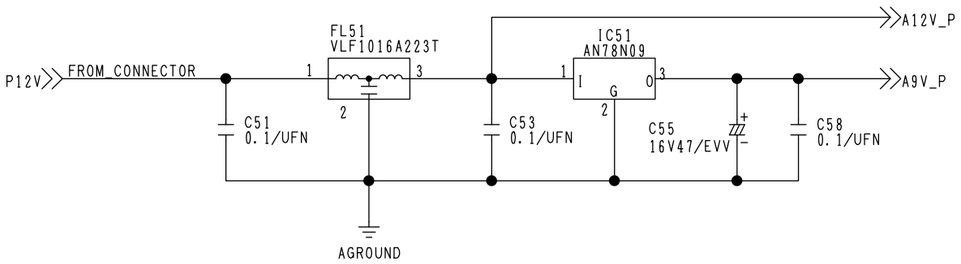
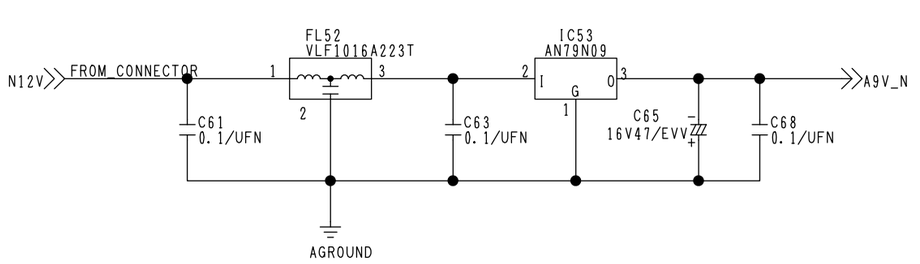


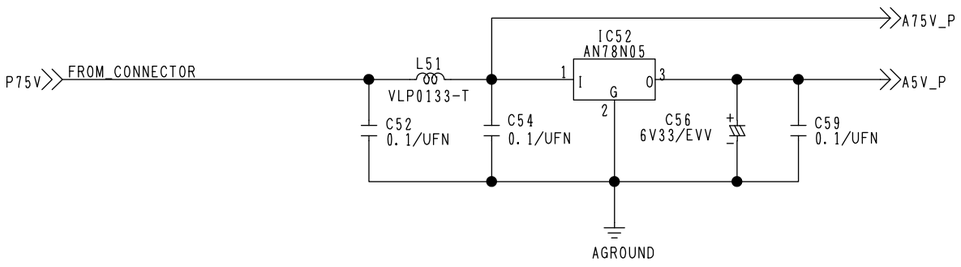


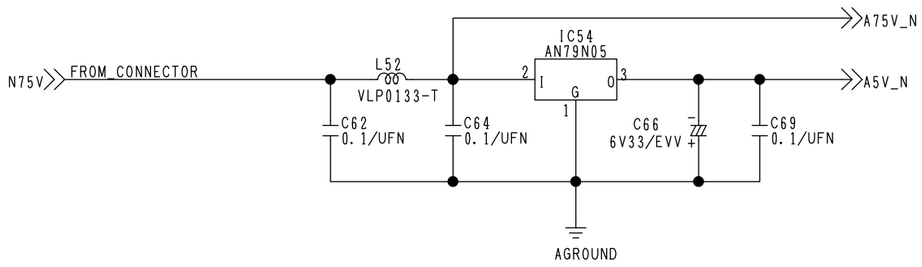


COMPONENT NAME	V IN FOR PAL (CONNECTOR)	01/21
CIRCUIT BOARD NO.	MODEL NO.	
VEP83449A		
		SCM114

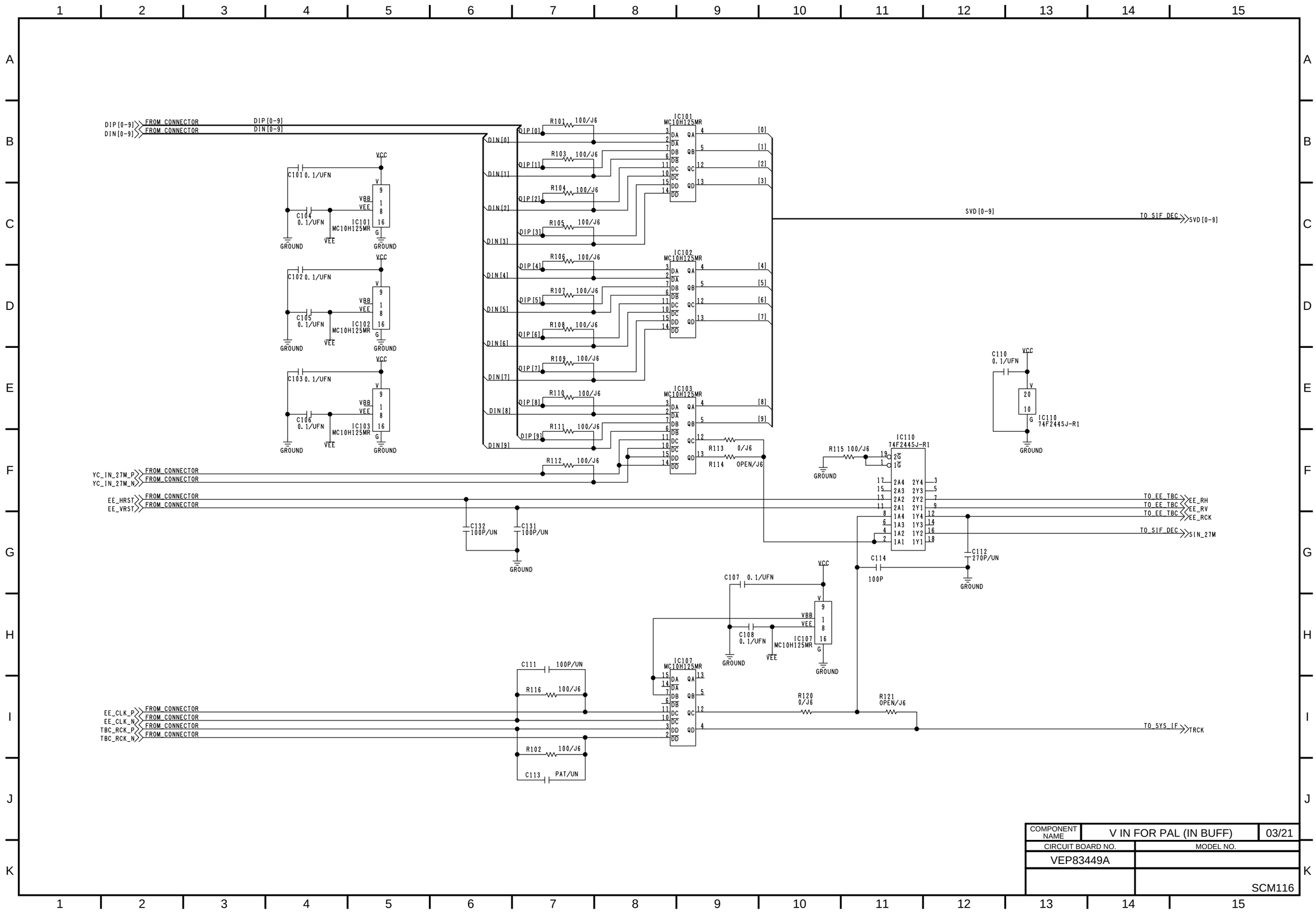




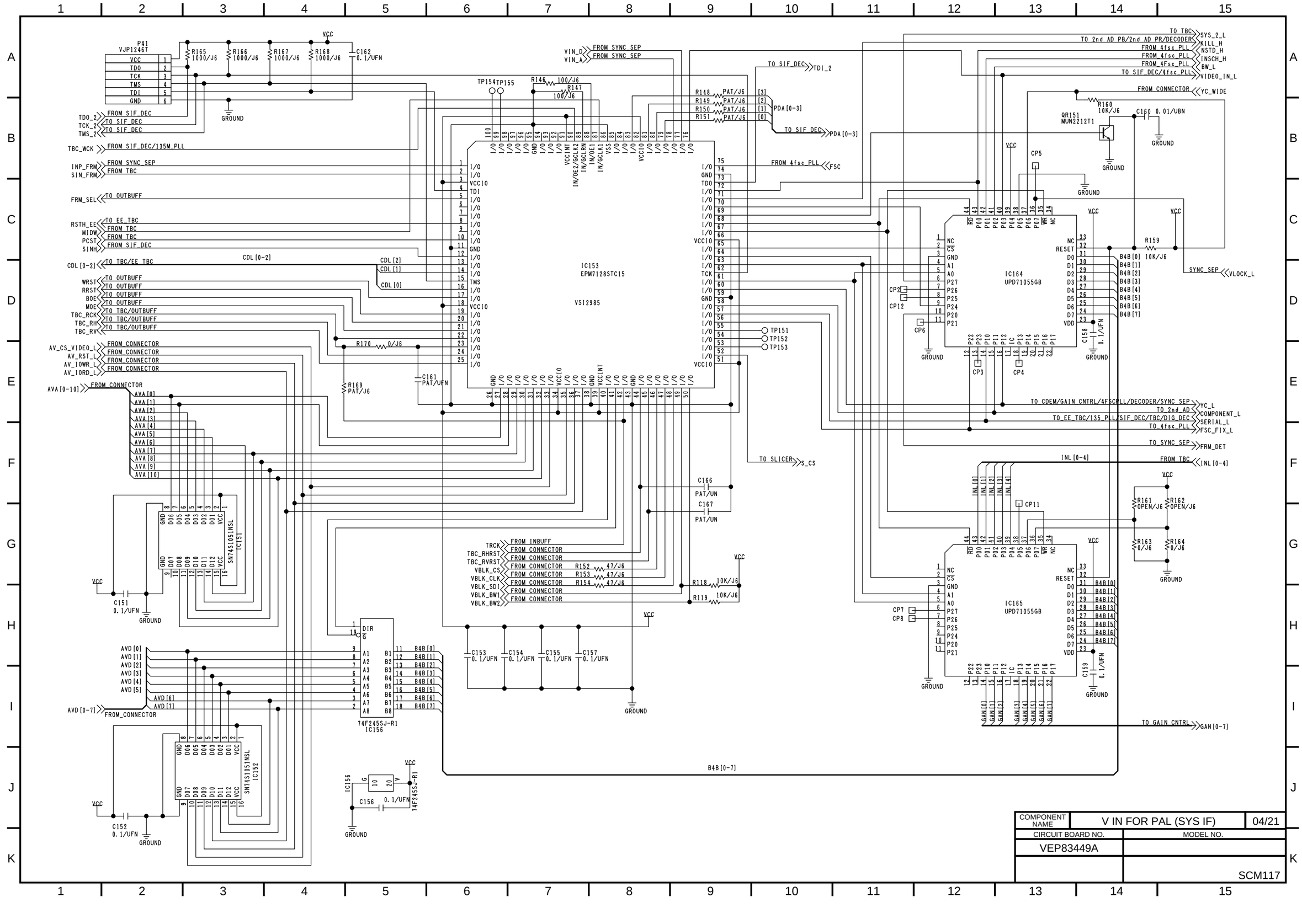


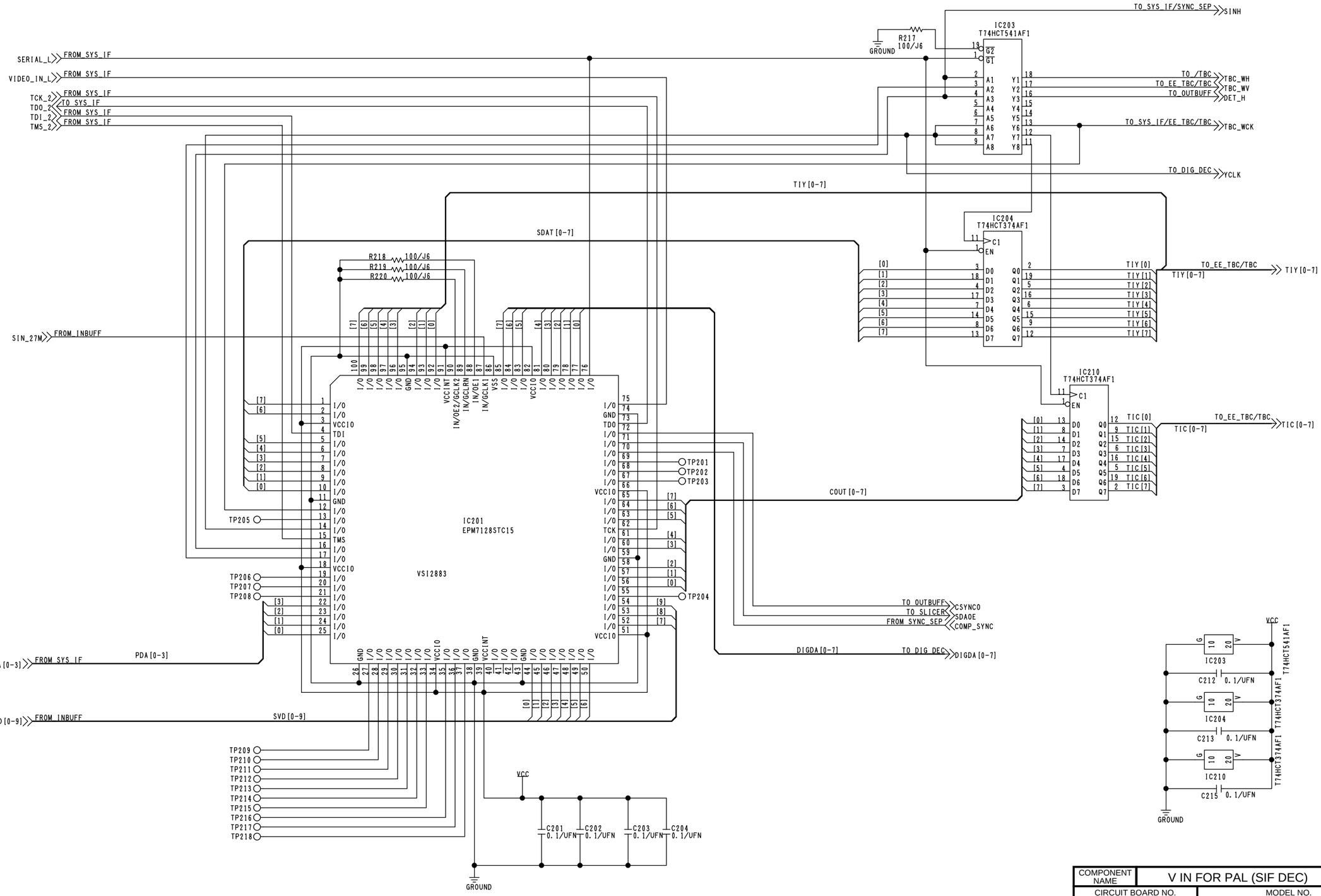


COMPONENT NAME	V IN FOR PAL (POWER)	02/21
CIRCUIT BOARD NO.	MODEL NO.	
VEP83449A		
		SCM115

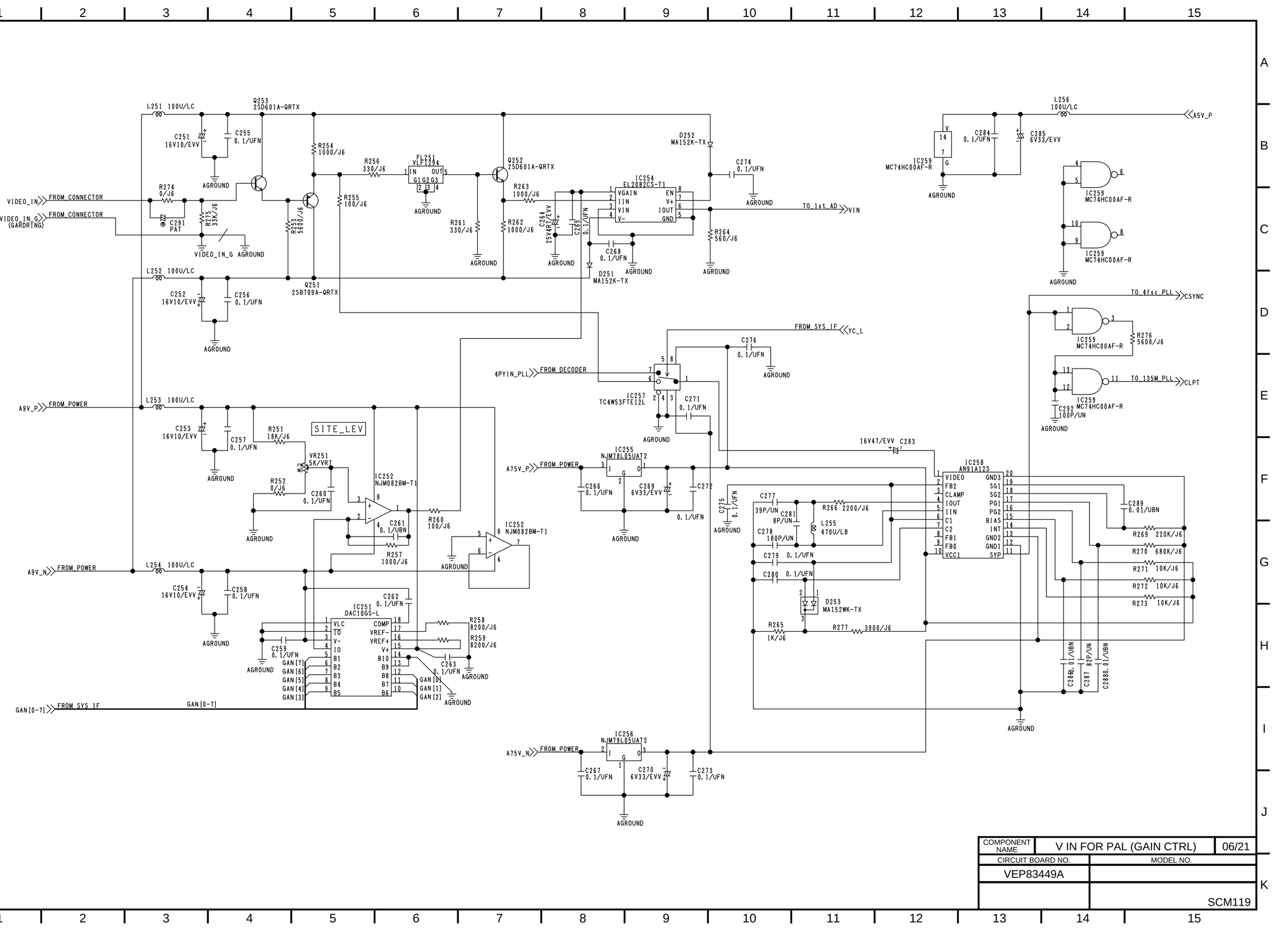


COMPONENT NAME	V IN FOR PAL (IN BUFF)	03/21
CIRCUIT BOARD NO.		MODEL NO.
VEP83449A		
		SCM116

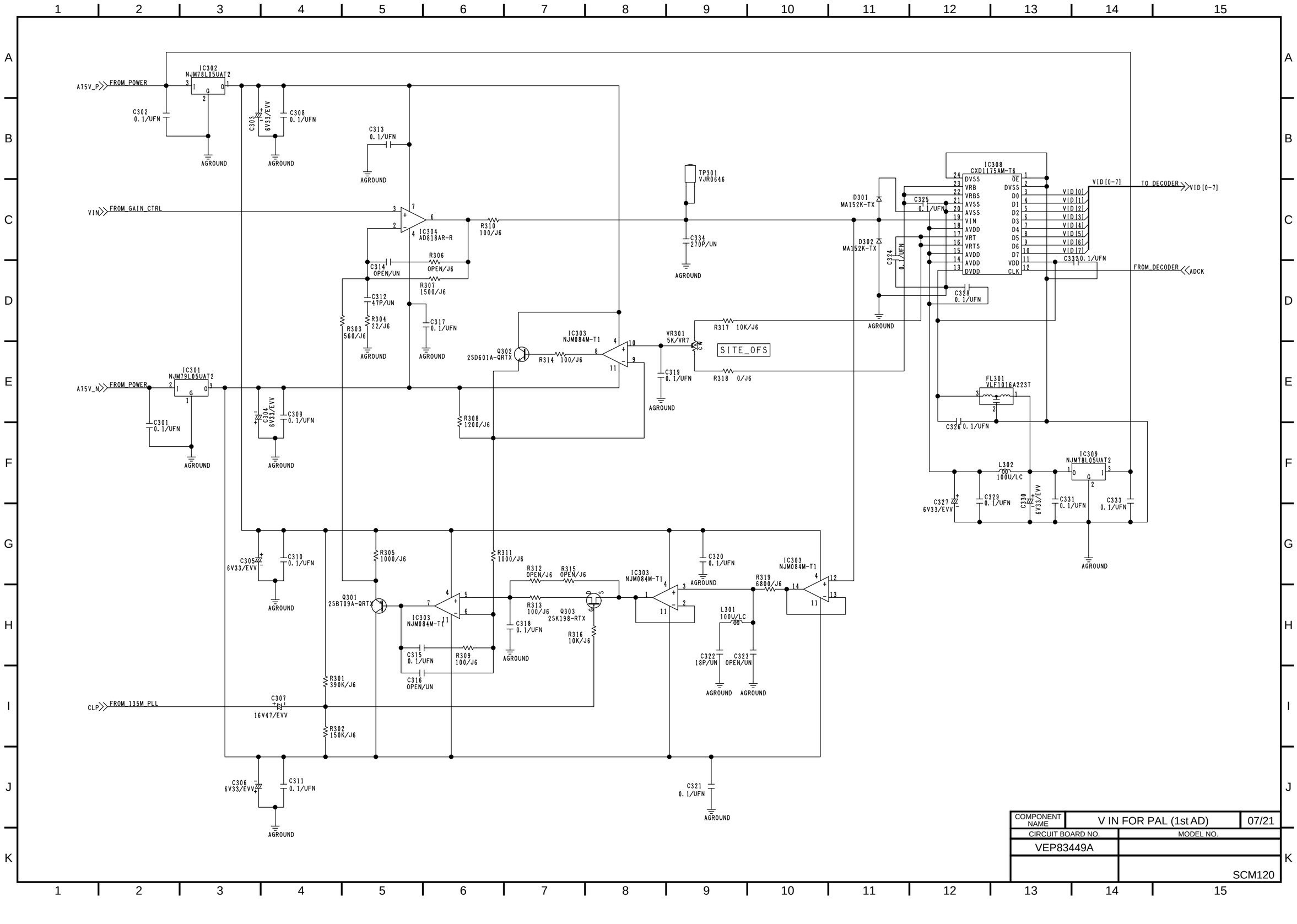

P41
VJP1246T
VCC
TDO
TCK
TMS
TDI
GND
R165 1000/J6
R166 1000/J6
R167 1000/J6
R168 1000/J6
C162 0.1/UFN
GROUND
TDO_2
TCK_2
TMS_2
FROM SIF_DEC
TO SIF_DEC
TBC_WCK
FROM SIF_DEC/135M PLL
INP_FRM
SIN_FRM
FROM SYNC_SEP
FROM TBC
FRM_SEL
TO OUTBUFF
RSTH_EE
MIDW
PCST
SINH
TO EE_TBC
CDL [0-2]
TO TBC/EE_TBC
WRST
RRST
BOE
MOE
TBC_RCK
TBC_RH
TBC_RV
TO TBC/OUTBUFF
AV_CS_VIDEO_L
AV_RST_L
AV_IOWR_L
AV_IORD_L
FROM CONNECTOR
AVA [0-10]
AVA [0]
AVA [1]
AVA [2]
AVA [3]
AVA [4]
AVA [5]
AVA [6]
AVA [7]
AVA [8]
AVA [9]
AVA [10]
R169 PAT/J6
R170 0/J6
C161 PAT/UFN
TP154
TP155
R146 100/J6
R147 100/J6
VIN_D
VIN_A
IC153
EPM7128STC15
VSI2985
R148 PAT/J6
R149 PAT/J6
R150 PAT/J6
R151 PAT/J6
PDA [0-3]
TO SIF_DEC
TDI_2
PDA [0-3]
FROM 4fsc PLL
FSC
TP151
TP152
TP153
TO SLICER
S_CS
C166 PAT/UN
C167 PAT/UN
TRCK
TBC_RHRST
TBC_RVRST
VBLK_CS
VBLK_CLK
VBLK_SDI
VBLK_BW1
VBLK_BW2
FROM INBUFF
R152 47/J6
R153 47/J6
R154 47/J6
R118 10K/J6
R119 10K/J6
C153 0.1/UFN
C154 0.1/UFN
C155 0.1/UFN
C157 0.1/UFN
C151 0.1/UFN
C152 0.1/UFN
C156 0.1/UFN
SN74S1051NSL
IC151
IC152
74F245SJ-R1
IC156
DIR
G
AVD [0-7]
AVD [0]
AVD [1]
AVD [2]
AVD [3]
AVD [4]
AVD [5]
AVD [6]
AVD [7]
FROM_CONNECTOR
B4B [0]
B4B [1]
B4B [2]
B4B [3]
B4B [4]
B4B [5]
B4B [6]
B4B [7]
B4B [0-7]
TO TBC
SYS_2_L
TO 2nd AD PB/2nd AD PR/DECODER
KILL_H
FROM 4fsc PLL
NSTD_H
INSCH_H
BW_L
TO SIF DEC/4fsc PLL
VIDEO_IN_L
FROM CONNECTOR
YC_WIDE
QR151
MUN2212T1
R160 10K/J6
C160 0.01/UBN
CP5
IC164
UPD71055GB
R159 10K/J6
SYNC_SEP
VLOCK_L
CP2
CP12
CP6
C158 0.1/UFN
CP3
CP4
TO CDEM/GAIN CNTRL/4FSCPLL/DECODER/SYNC_SEP
YC_L
TO 2nd AD
COMPONENT_L
TO EE_TBC/135 PLL/SIF_DEC/TBC/DIG DEC
SERIAL_L
TO 4fsc PLL
FSC_FIX_L
TO SYNC SEP
FRM_DET
INL [0-4]
FROM TBC
CP11
R161 OPEN/J6
R162 OPEN/J6
R163 0/J6
R164 0/J6
IC165
UPD71055GB
CP7
CP8
C159 0.1/UFN
GAN [0-7]
TO GAIN CNTRL
COMPONENT NAME
V IN FOR PAL (SYS IF)
04/21
CIRCUIT BOARD NO.
VEP83449A
MODEL NO.
SCM117



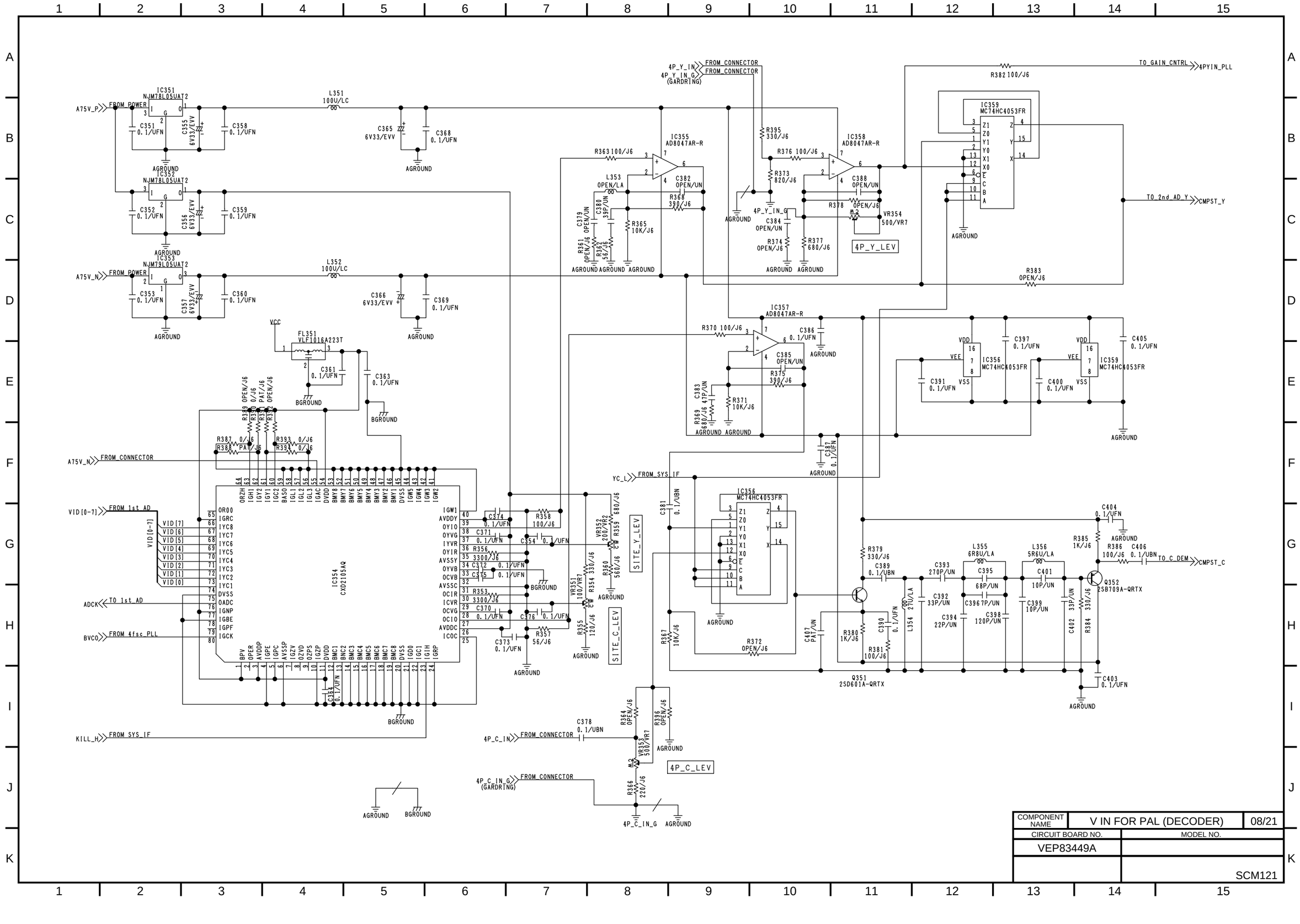
COMPONENT NAME	V IN FOR PAL (SIF DEC)	05/21
CIRCUIT BOARD NO.	MODEL NO.	
VEP83449A		
		SCM118



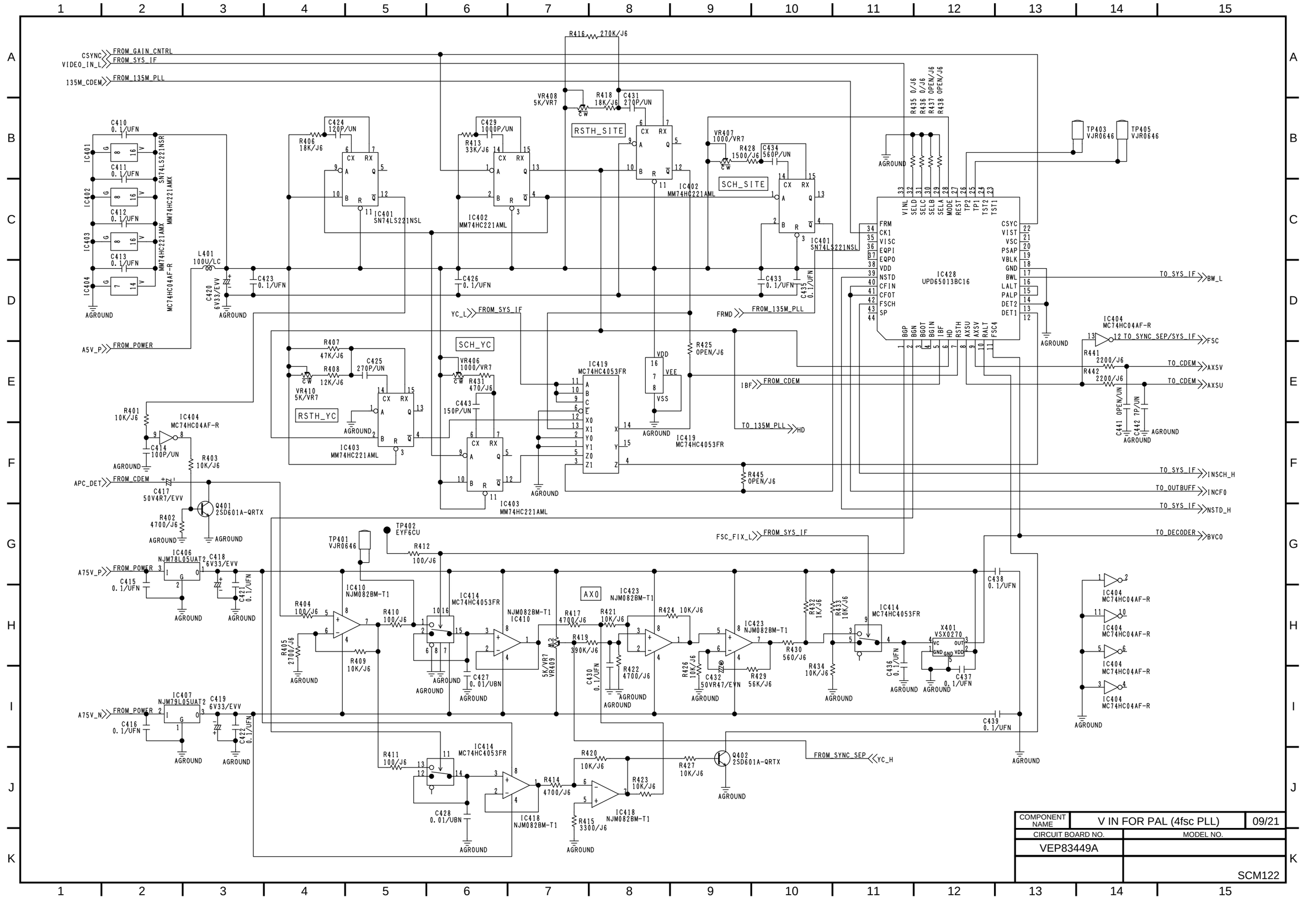
COMPONENT NAME	V IN FOR PAL (GAIN CTRL)	06/21
CIRCUIT BOARD NO.	MODEL NO.	
VEP83449A		
		SCM119



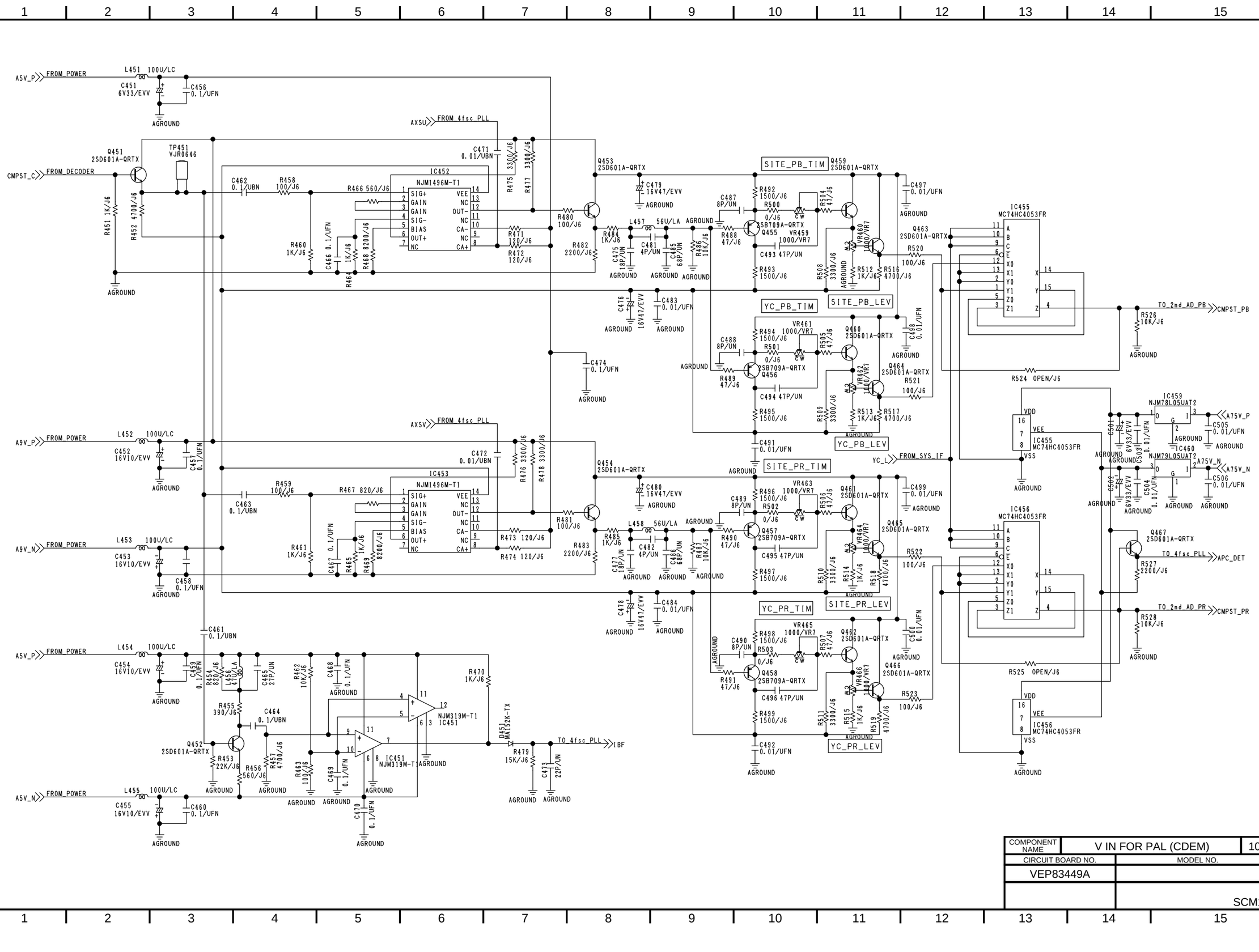
COMPONENT NAME	V IN FOR PAL (1st AD)	07/21
CIRCUIT BOARD NO.		MODEL NO.
VEP83449A		
		SCM120



COMPONENT NAME	V IN FOR PAL (DECODER)	08/21
CIRCUIT BOARD NO.	MODEL NO.	
VEP83449A		
		SCM121

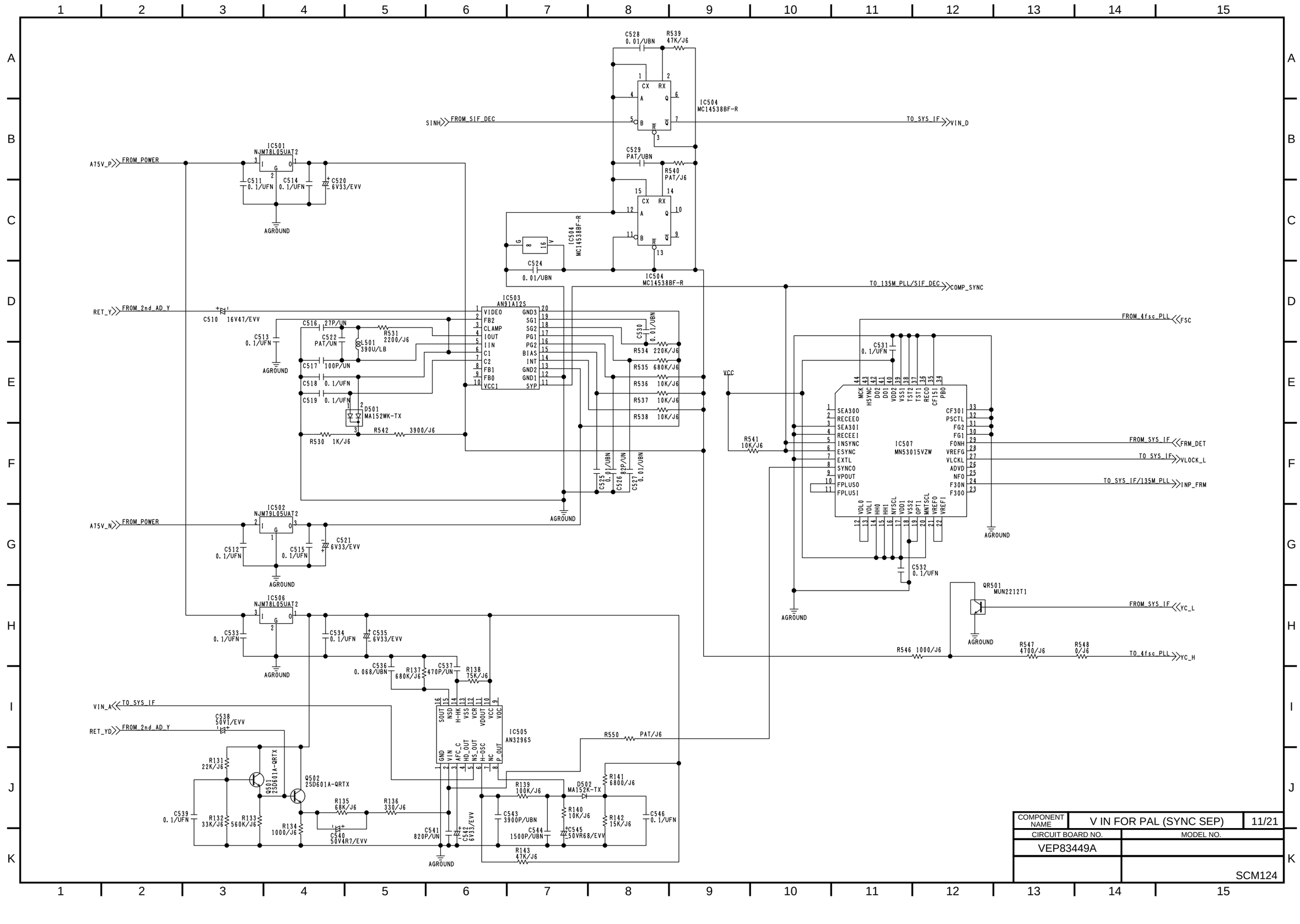


COMPONENT NAME	V IN FOR PAL (4fsc PLL)	09/21
CIRCUIT BOARD NO.	MODEL NO.	
VEP83449A		
		SCM122

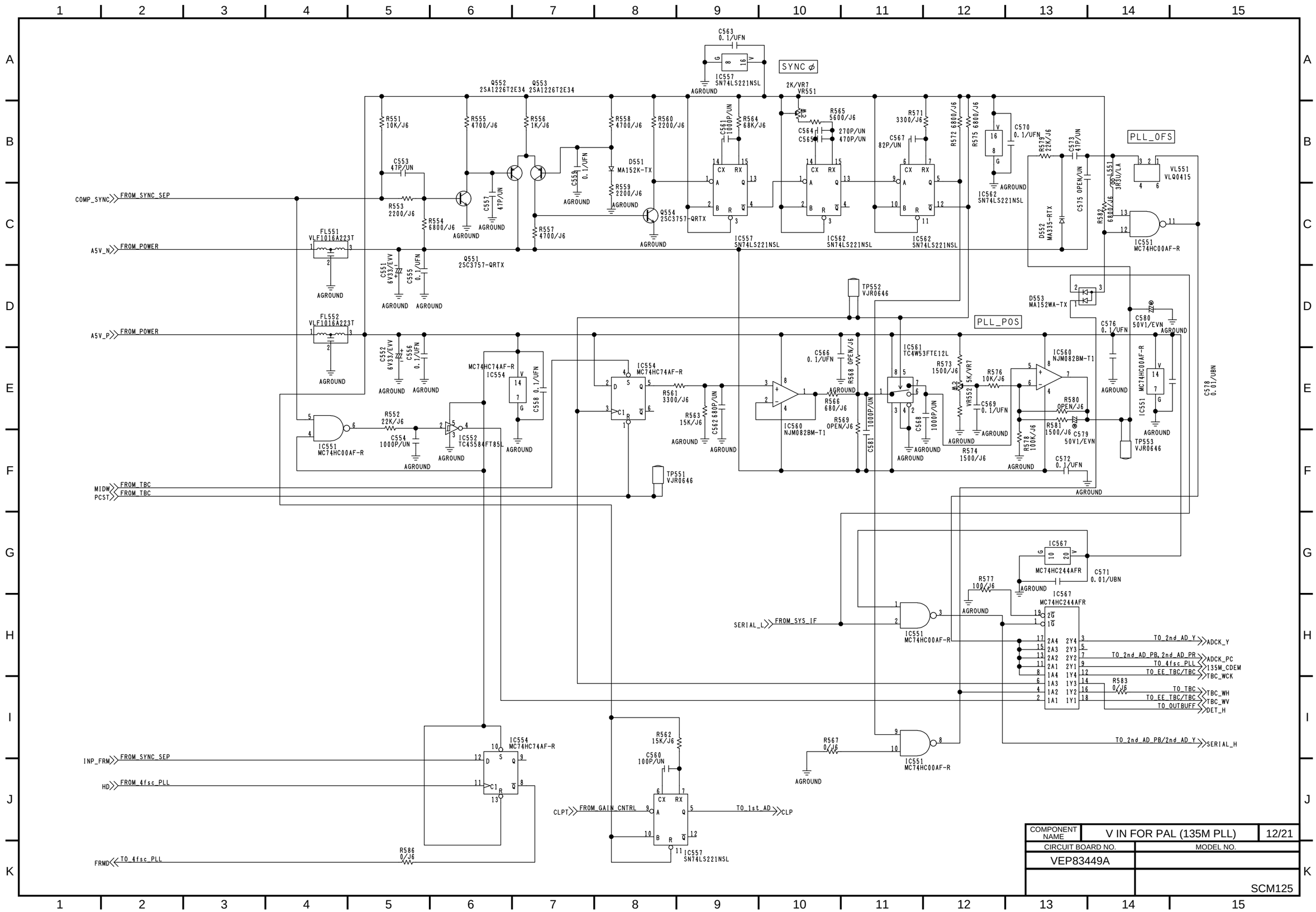


COMPONENT NAME	V IN FOR PAL (CDEM)
CIRCUIT BOARD NO.	MODEL NO.
VEP83449A	
	SCM123

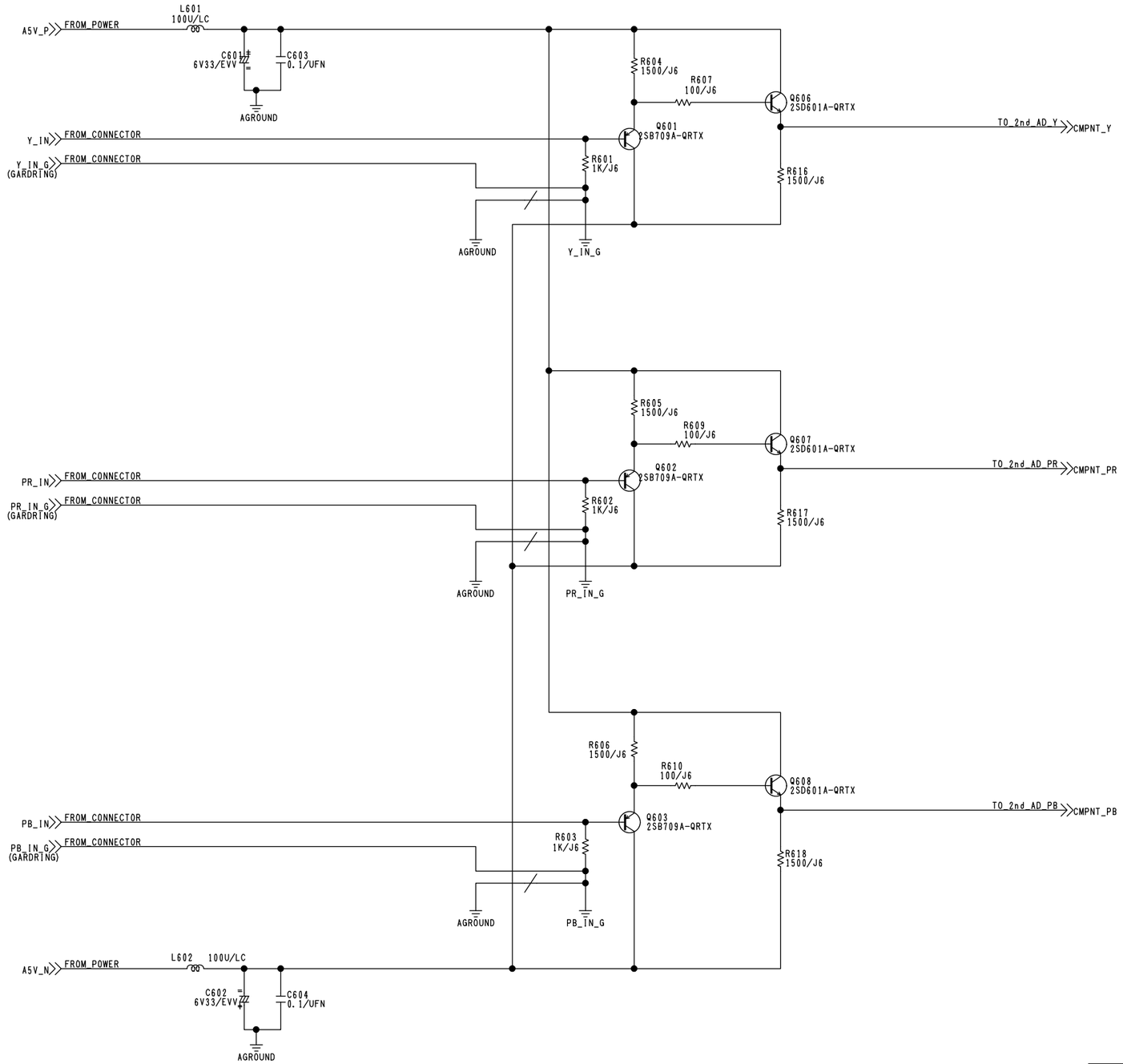
10/21



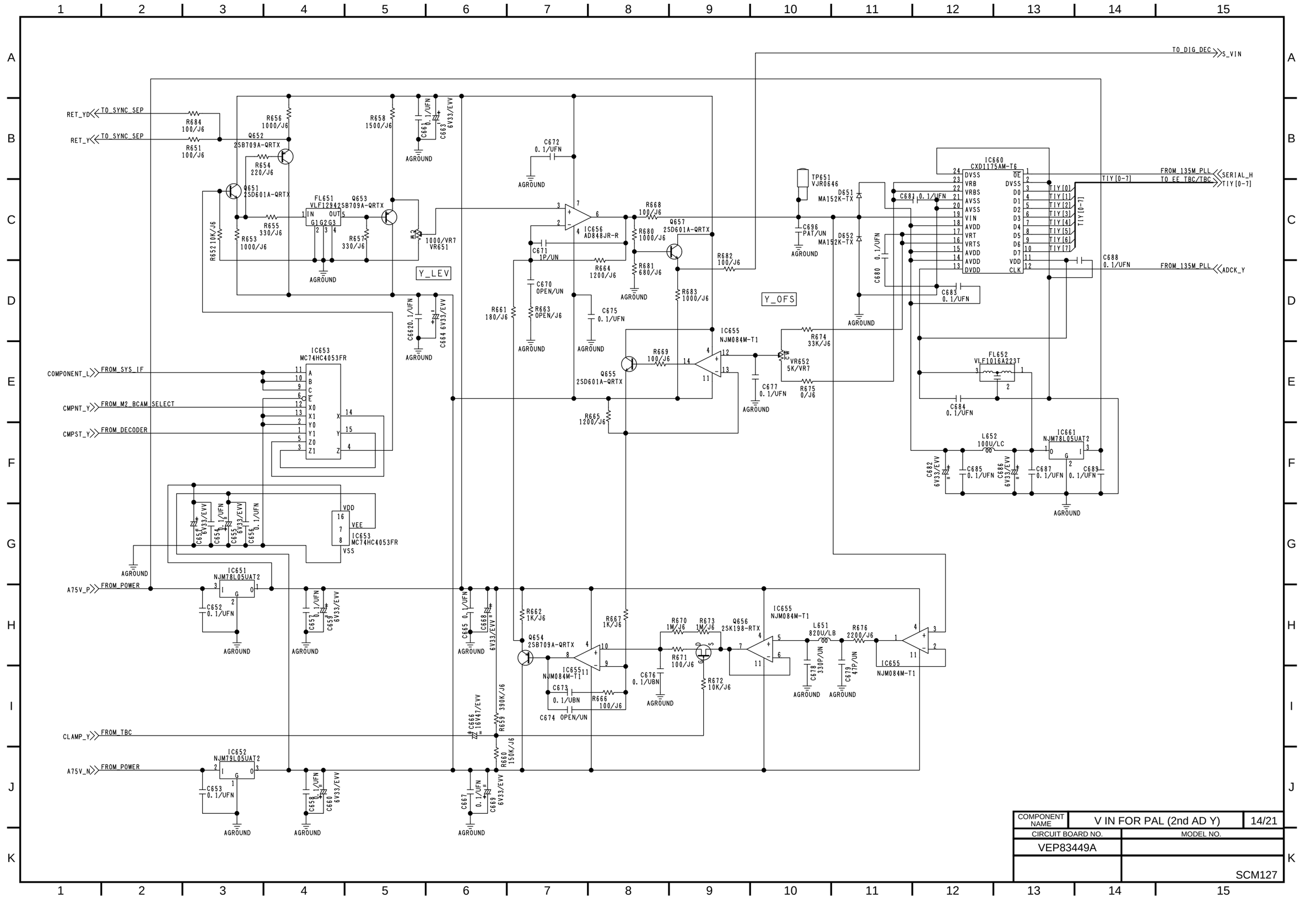
COMPONENT NAME	V IN FOR PAL (SYNC SEP)	11/21
CIRCUIT BOARD NO.	MODEL NO.	
VEP83449A		
		SCM124



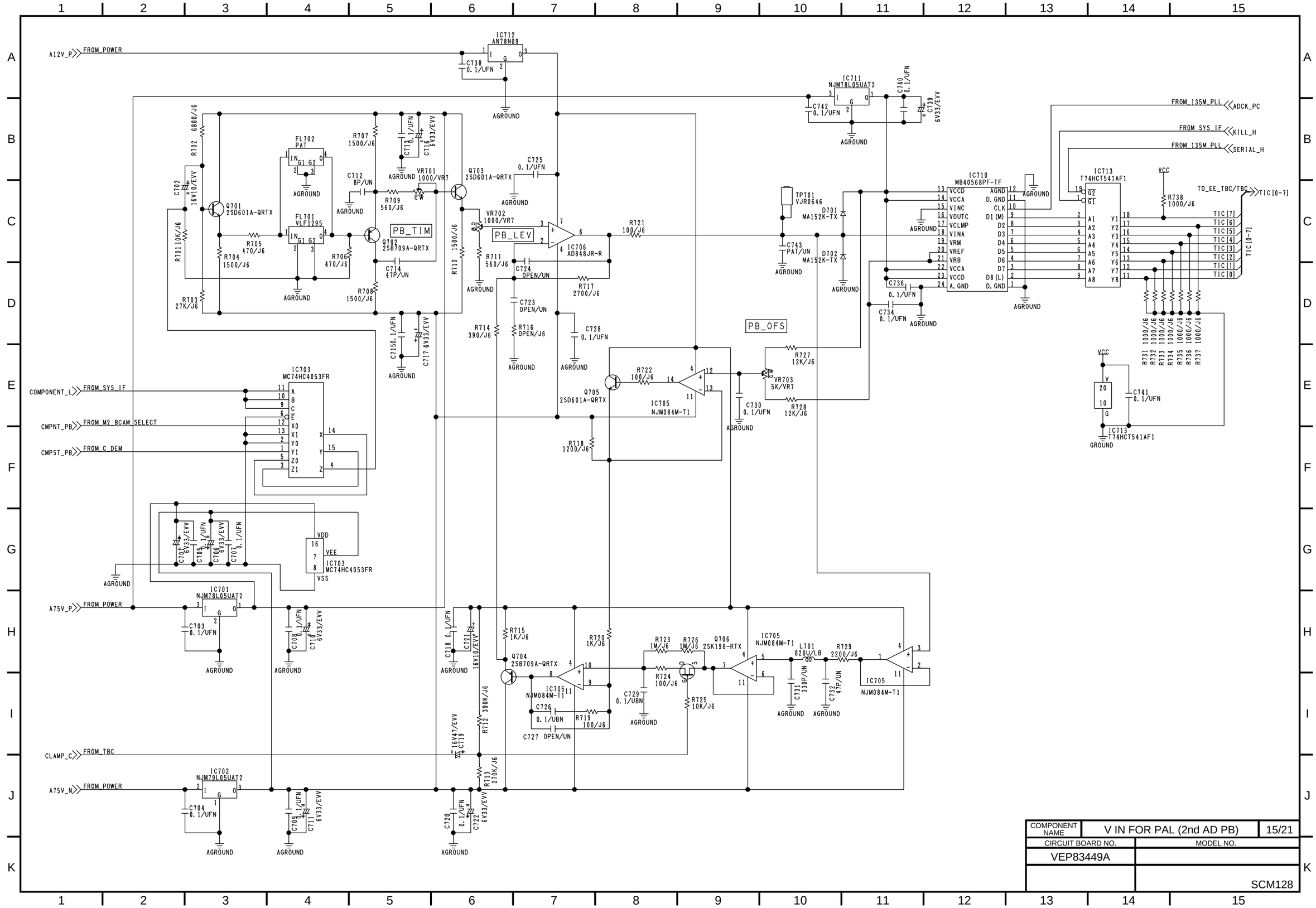
COMPONENT NAME	V IN FOR PAL (135M PLL)	12/21
CIRCUIT BOARD NO.	MODEL NO.	
VEP83449A		
		SCM125



COMPONENT NAME	V IN FOR PAL (M2 BCAM SELECT)	13/21
CIRCUIT BOARD NO.	MODEL NO.	
VEP83449A		
	SCM126	

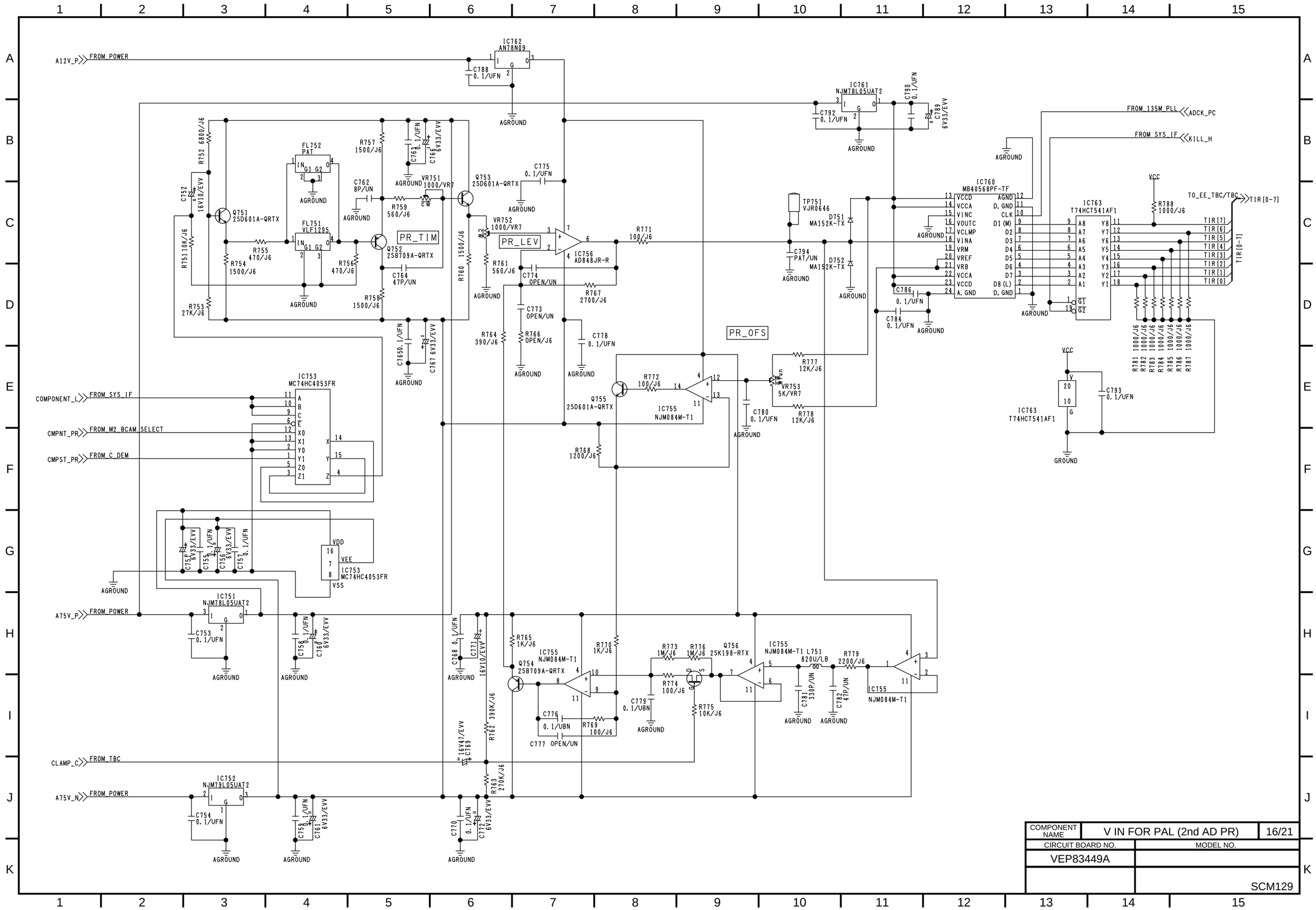


COMPONENT NAME	V IN FOR PAL (2nd AD Y)	14/21
CIRCUIT BOARD NO.	MODEL NO.	
VEP83449A		
		SCM127

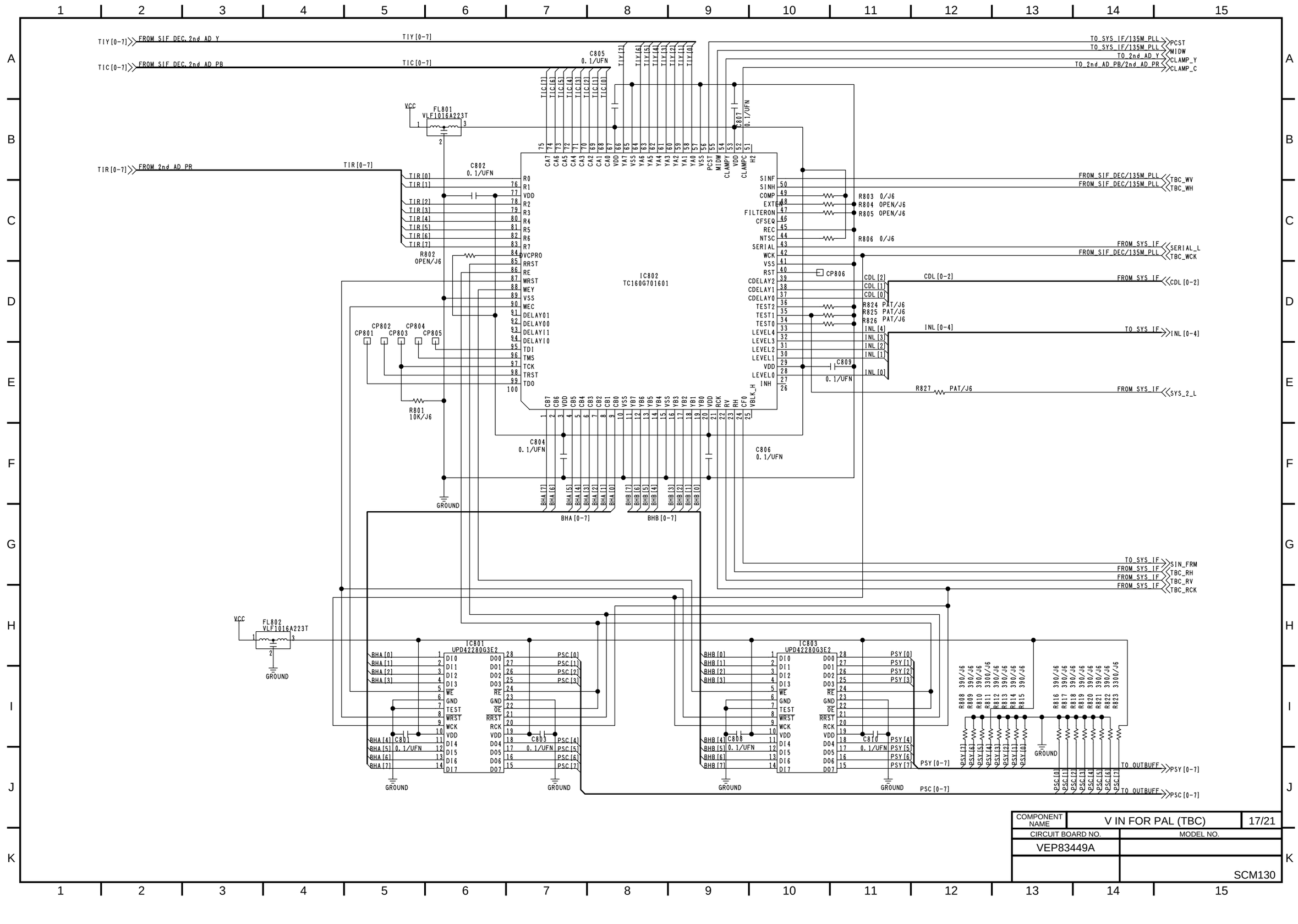


COMPONENT NAME	V IN FOR PAL (2nd AD PB)
CIRCUIT BOARD NO.	MODEL NO.
VEP83449A	
	SCM128

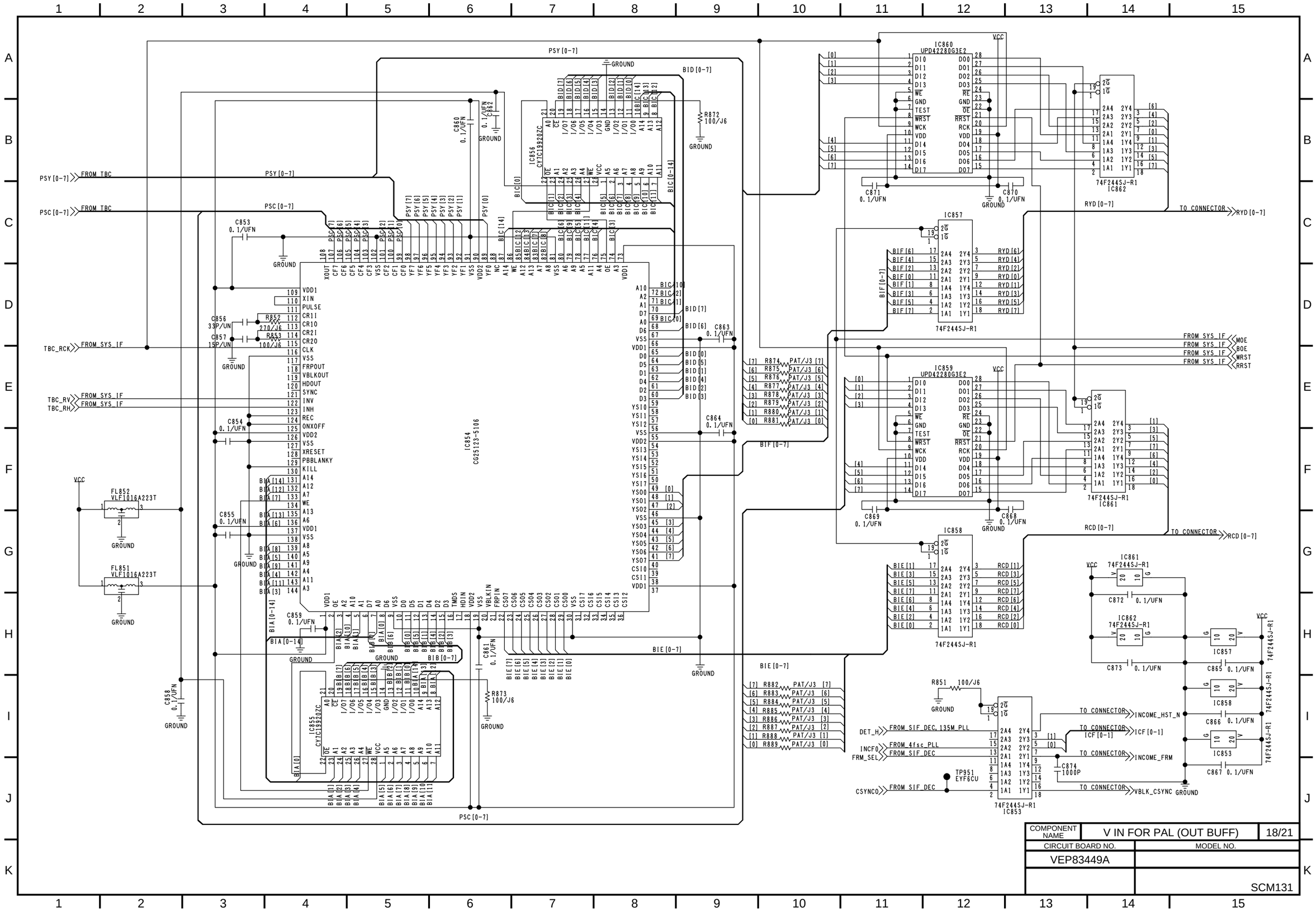
15/21

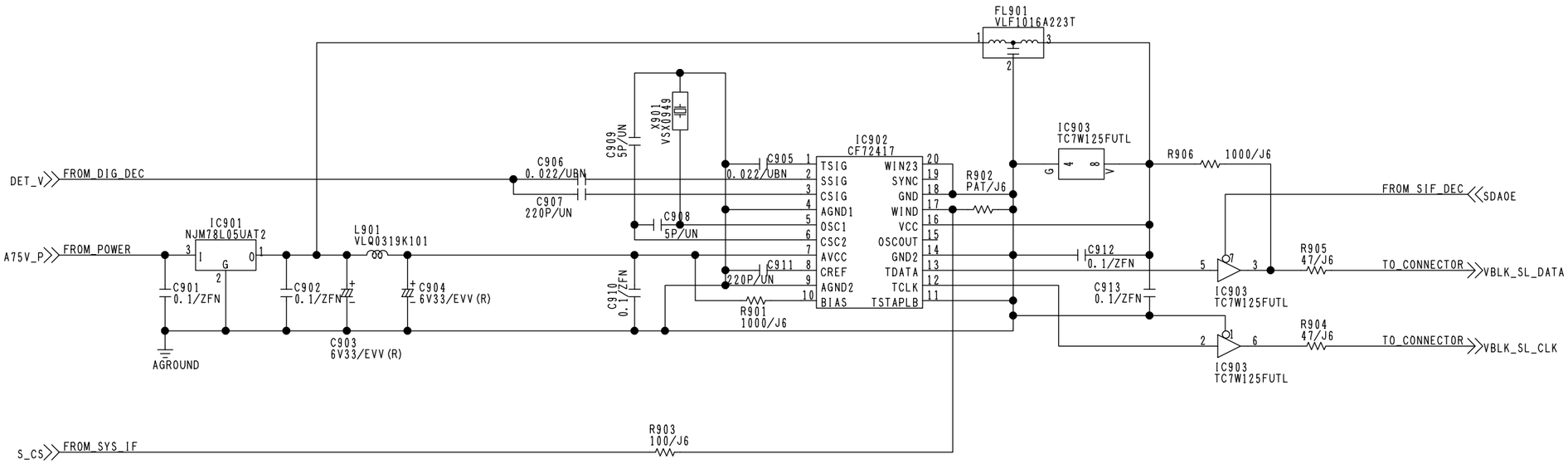


COMPONENT NAME	V IN FOR PAL (2nd AD PR)	16/21
CIRCUIT BOARD NO.	MODEL NO.	
VEP83449A		
	SCM129	

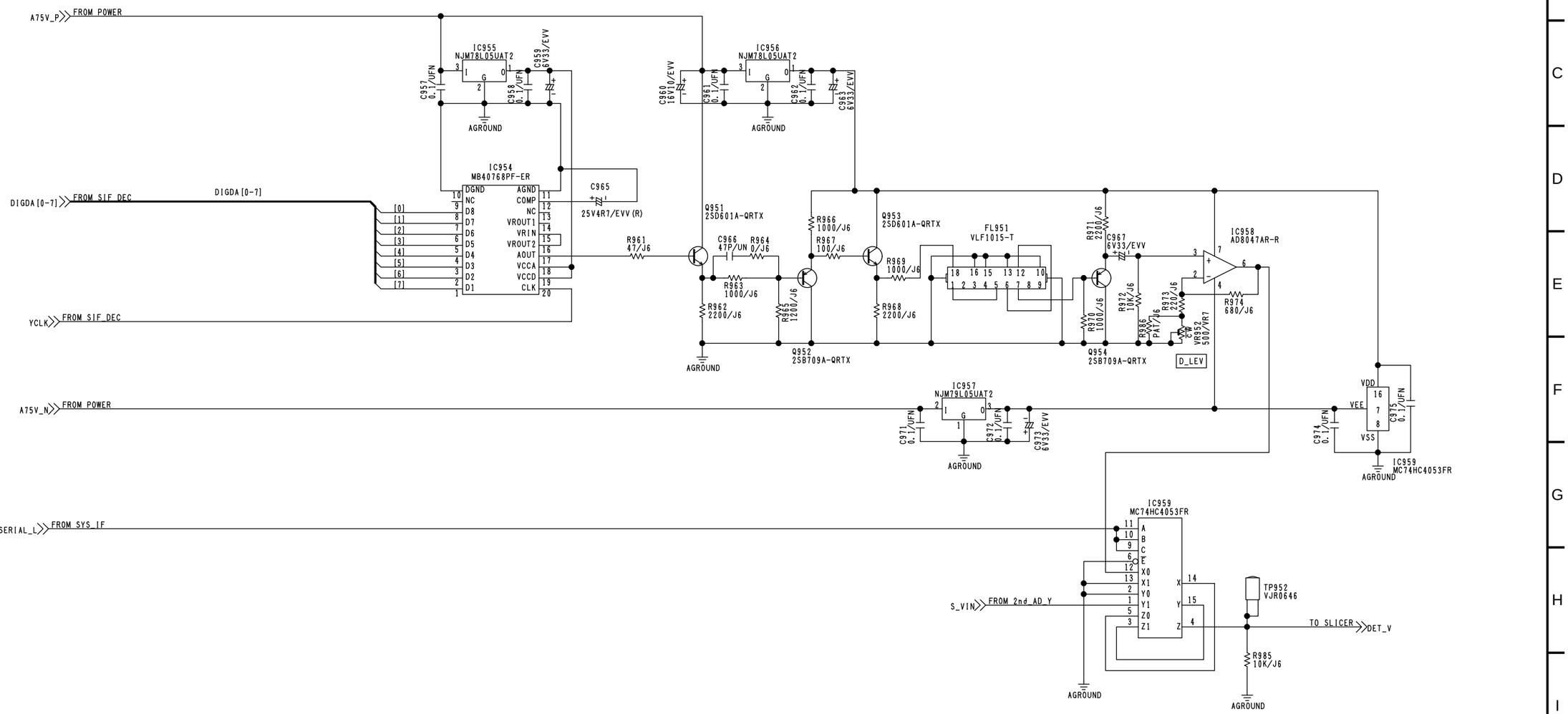


COMPONENT NAME	V IN FOR PAL (TBC)	17/21
CIRCUIT BOARD NO.	MODEL NO.	
VEP83449A		
		SCM130

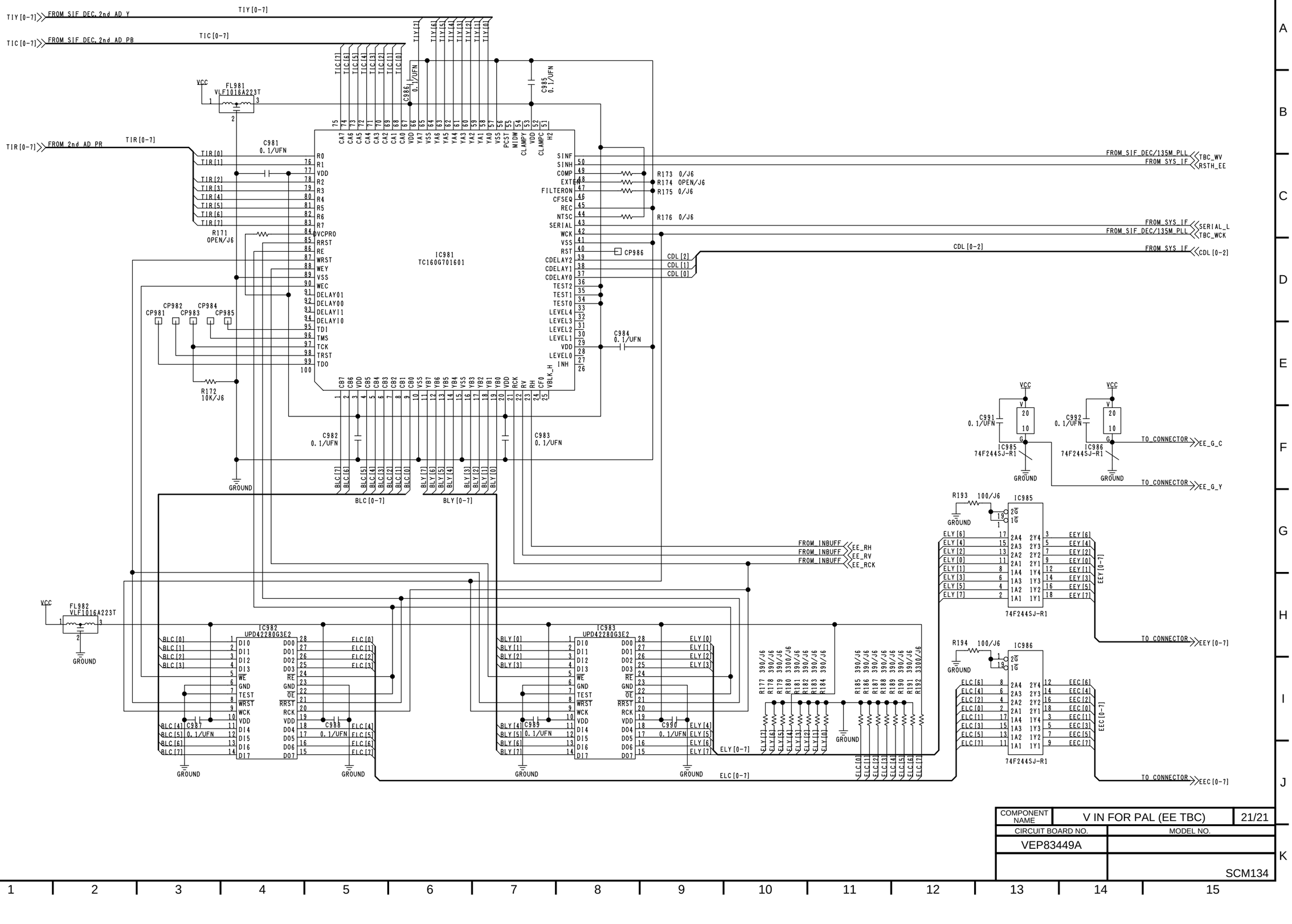

IC854
CG25123-5106
IC855
CY7C19202ZC
IC856
CY7C19202ZC
IC860
UPD42280G3E2
IC859
UPD42280G3E2
IC857
74F244SJ-R1
IC858
74F244SJ-R1
IC862
74F244SJ-R1
IC861
74F244SJ-R1
IC853
74F244SJ-R1
IC861
74F244SJ-R1
IC862
74F244SJ-R1
IC857
IC858
IC865
IC866
IC853
C853 0.1/UFN
C854 0.1/UFN
C855 0.1/UFN
C856 33P/UN
C857 15P/UN
C858 0.1/UFN
C859 0.1/UFN
C860 0.1/UFN
C861 0.1/UFN
C862 0.1/UFN
C863 0.1/UFN
C864 0.1/UFN
C869 0.1/UFN
C871 0.1/UFN
C870 0.1/UFN
C868 0.1/UFN
C872 0.1/UFN
C873 0.1/UFN
C865 0.1/UFN
C866 0.1/UFN
C867 0.1/UFN
C874 1000P
R852 270/J6
R853 100/J6
R872 100/J6
R873 100/J6
R851 100/J6
R874 PAT/J3 [7]
R875 PAT/J3 [6]
R876 PAT/J3 [5]
R877 PAT/J3 [4]
R878 PAT/J3 [3]
R879 PAT/J3 [2]
R880 PAT/J3 [1]
R881 PAT/J3 [0]
R882 PAT/J3 [7]
R883 PAT/J3 [6]
R884 PAT/J3 [5]
R885 PAT/J3 [4]
R886 PAT/J3 [3]
R887 PAT/J3 [2]
R888 PAT/J3 [1]
R889 PAT/J3 [0]
FL852 VLF1016A223T
FL851 VLF1016A223T
TP951 EYF6CU
PSY [0-7]
PSC [0-7]
BID [0-7]
BIA [0-14]
BIB [0-7]
BIC [0-14]
BIE [0-7]
BIF [0-7]
PSY [0-7] FROM TBC
PSC [0-7] FROM TBC
TBC_RCK FROM_SYS_IF
TBC_RV FROM_SYS_IF
TBC_RH FROM_SYS_IF
FROM_SYS_IF MOE
FROM_SYS_IF BOE
FROM_SYS_IF WRST
FROM_SYS_IF RRST
RYD [0-7] TO CONNECTOR RYD [0-7]
RCD [0-7] TO CONNECTOR RCD [0-7]
DET_H FROM_SIF_DEC, 135M_PLL
INCF0 FROM_4fsc_PLL
FRM_SEL FROM_SIF_DEC
CSYNC0 FROM_SIF_DEC
TO CONNECTOR INCOME_HST_N
TO CONNECTOR ICF [0-1]
TO CONNECTOR INCOME_FRM
TO CONNECTOR VBLK_CSYNC
GROUND
VCC
COMPONENT NAME
V IN FOR PAL (OUT BUFF)
18/21
CIRCUIT BOARD NO.
VEP83449A
MODEL NO.
SCM131



COMPONENT NAME	V IN FOR PAL (SLICER)	19/21
CIRCUIT BOARD NO.	MODEL NO.	
VEP83449A		
		SCM132



COMPONENT NAME	V IN FOR PAL (DIG DEC)	20/21
CIRCUIT BOARD NO.	MODEL NO.	
VEP83449A		
	SCM133	



COMPONENT NAME	V IN FOR PAL (EE TBC)	21/21
CIRCUIT BOARD NO.	MODEL NO.	
VEP83449A		
		SCM134